

**COMMONWEALTH OF VIRGINIA**  
**Department of Environmental Quality**  
**Southwest Regional Office**

**STATEMENT OF LEGAL AND FACTUAL BASIS**

Masco Cabinetry LLC – Plant 14  
Atkins, Smyth County, Virginia  
Permit No. SWRO11075

Title V of the 1990 Clean Air Act Amendments required each state to develop a permit program to ensure that certain facilities have federal Air Pollution Operating Permits, called Title V Operating Permits. As required by 40 CFR Part 70 and 9 VAC 5 Chapter 80, Masco Cabinetry LLC has applied for a Title V Operating Permit renewal for its Atkins, Virginia (Plant 14) facility. The Department has reviewed the application and has prepared a draft Title V Operating Permit.

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Date: 09/13/2011

Air Permit Manager: Rob Feagins  
Rob Feagins

Date: 9/13/11

Regional Director: Dallas R. Sizemore  
Dallas R. Sizemore

Date: 9/13/11

## **FACILITY INFORMATION**

### Permittee

Masco Cabinetry LLC  
P.O. Box 259  
Atkins, Virginia 24311

### Facility

Masco Cabinetry LLC – Plant 14  
249 Mulberry Lane  
Atkins, Virginia 24311

County-Plant Identification Number: 51-173-00095

## **SOURCE DESCRIPTION**

NAICS Code: 337110 – The facility includes wood cabinet component and wood panel manufacturing operations. The operations consist of woodworking equipment, dust collection equipment, gluing operations, and finishing operations. The facility also includes two natural gas/distillate oil-fired boilers for process and space heating.

The facility is a Title V major source of VOC and hazardous air pollutants (HAP). This source is located in an attainment area for all pollutants, and is a PSD minor source. The facility was previously permitted under a Minor NSR Permit issued on March 27, 2006, and amended on July 25, 2006, April 24, 2008, and January 4, 2011.

Since the previous Title V permit renewal, the company was issued:

- An April 24, 2008 minor amendment to the minor NSR permit to register a company name change, and to remove references to uninstalled equipment; and
- A January 4, 2011 administrative amendment to the minor NSR permit to register a company name change.

## **COMPLIANCE STATUS**

A full compliance evaluation of this facility, including a site visit, was conducted on July 8, 2010. In addition, all reports and other data required by permit conditions or regulations, which are submitted to DEQ, are evaluated for compliance. No instances of non-compliance have been observed in recent years.

# EMISSION UNIT AND CONTROL DEVICE IDENTIFICATION

The emissions units at this facility consist of the following:

Emission Unit ID	Stack ID	Emission Unit Description	Size/Rated Capacity	Pollution Control Device (PCD) Description	PCD ID	Pollutant Controlled	Applicable Permit Date
Fuel Burning Equipment							
BLR1	----	Industrial Boiler Company natural gas/distillate oil-fired boiler (firetube)	15.6 MMBtu/hr heat input	----	----	----	03/27/2006 as amended 07/25/06, 04/24/08, & 01/04/11
BLR2	----	Hurst natural gas/distillate oil-fired boiler (firetube)	2.1 MMBtu/hr heat input	----	----	----	03/27/2006 as amended 07/25/06, 04/24/08, & 01/04/11
FP1	----	Cummins Fire Pump Engine (1989)	208 hp	----	----	----	----
Woodworking Operations							
W1	----	Various saws, sanders, planers, etc.	Est. 4.41 T/hr	2 Carter Day Baghouses (BH1, BH2)	----	PM10	03/27/2006 as amended 07/25/06, 04/24/08, & 01/04/11
Gluing Operations							
G1	----	Roll coaters, edge sprayer, jointers, etc.	Est. 266 lb/hr	----	----	----	03/27/2006 as amended 07/25/06, 04/24/08, & 01/04/11
Finishing Operations							
F1	----	Up to 13 spray booths; various ovens, flash areas, cooling tunnels	48 gal/hr	Paint Filters	----	PM10	03/27/2006 as amended 07/25/06, 04/24/08, & 01/04/11

## EMISSIONS INVENTORY

Emissions from the facility are summarized in the following tables.

2010 Actual Emissions

Emission Unit	2010 Criteria Pollutant Emission in Tons/Year				
	VOC	CO	SO <sub>2</sub>	PM <sub>10</sub>	NO <sub>x</sub>
BLR1 & BLR2	0.06	0.92	0.01	0.08	1.09
FP1	----	----	----	----	----
W1	----	----	----	0.08	----
G1	0.03	----	----	----	----
F1	43.11	----	----	0.16	----
Total	43.20	0.92	0.01	0.24	1.09

2010 Facility Hazardous Air Pollutant Emissions

Pollutant	2010 Hazardous Air Pollutant Emission in Tons/Yr
HAPs	9.15

## EMISSION UNIT APPLICABLE REQUIREMENTS – Industrial Boiler Co. and Hurst boilers (BLR1 & BLR2)

### Limitations

The following limitations are state BACT requirements from Conditions 7, 8, 9, 13, 17, 20, 23, and 24 of the Minor NSR permit issued on March 27, 2006 as amended July 25, 2006, April 24, 2008, and January 4, 2011:

Condition 7 limits approved fuels to distillate oil and natural gas for each unit.

Condition 8 limits the sulfur content of distillate oil to 0.5% demonstrated by fuel analysis records.

Condition 9 requires that the Industrial Boiler Company unit complies with 40 CFR 60 Subpart Dc.

Condition 13 limits No. 2 oil consumption by both units to 436,800 gallons per year.

Condition 17 limits total emissions from the two units to:

POLLUTANT	EMISSION LIMIT	
	lb/hr	T/yr
Particulate Matter	0.26	0.6
PM10	0.13	0.6
Sulfur Dioxide	9.11	15.7
Nitrogen Oxides	2.57	7.5
Carbon Monoxide	1.44	6.3
VOC	0.09	0.4

Condition 20 limits visible emissions from the boiler common stack to 10% opacity.

Condition 23 requires the company to keep records of gas usage, distillate oil shipments, maintenance, and operator training.

Condition 24 requires the company to allow for testing or monitoring if required.

The following Virginia Administrative Codes that have specific emission requirements have been determined to be applicable:

9 VAC 5-60-100 makes reference to 40 CFR 63, Subpart DDDDD – National Emissions Standards for Hazardous Air Pollutants: Industrial, Commercial, and Institutional Boilers and Process Heaters, which potentially applies to these units. This regulation was vacated by the US Circuit Court of Appeals on July 30, 2007. A final rule was published on March 21, 2011, but the rule is currently subject to reconsideration. The company identified the requirement to submit an initial notification as an applicable requirement. However, the effective date of the rule was stayed by EPA on May 16, 2011, and the rule is now considered a future applicable requirement.

9 VAC 5-50-410 references 40 CFR 60, Subpart Dc – New Source Performance Standards: Small Industrial-Commercial-Institutional Steam Generating Units, which applies to the Industrial Boiler Company unit (applies to units with input heat capacity  $\geq 10$  MMBtu/hr). The rule requires that no liquid fuels contain more than 0.5 wt% sulfur.

9 VAC 5 Chapter 40, Article 8 includes emission limitations for existing fuel burning units. In the absence of Chapter 50 standards, the emission standards of Chapter 40 apply to new units. (See Streamlining Requirements discussion below)

### **Monitoring**

Because the two units are fired with natural gas or distillate oil, the monitoring and recordkeeping requirements in Condition 23 of the NSR permit are considered sufficient to meet periodic monitoring requirements. Emissions limits were established based on the allowable use of distillate oil combined with a maximum use of natural gas for the remainder of the boiler operating schedules. Therefore, compliance with the emission limits is expected as long as distillate oil usage remains below the corresponding consumption limitation.

### **Recordkeeping**

The permit includes requirements for maintaining records of all monitoring and testing required by the permit. These records include annual natural gas consumption and shipments of distillate oil purchased along with fuel analysis.

### **Testing**

The permit does not require source tests. The Department and EPA have authority to require testing not included in this permit if necessary to determine compliance with an emission limit or standard.

### **Reporting**

The company is required to submit semi-annual reports (due March 1 and September 1) of distillate oil received and fuel quality information. No other reporting is proposed.

### **Streamlined Requirements**

9 VAC 5-40-900 and -930 contain particulate matter and sulfur dioxide standards for existing fuel burning equipment units. Standards for new units must be at least as stringent as these standards. Since emission limits for the two boilers were established as BACT requirements using more recent emission factor information, and since the units combust only natural gas and distillate oil, the emission limits in the current NSR permit are more stringent than Chapter 40 requirements. Therefore, only those limits in the NSR permit will transfer to the Title V permit.

## **EMISSION UNIT APPLICABLE REQUIREMENTS – Woodworking Operations (W1)**

### **Limitations**

The following limitations are state BACT requirements from Conditions 3, 6, 14, 16, 19, 23, and 24 of the Minor NSR permit issued on March 27, 2006 as amended July 25, 2006, April 24,

2008, and January 4, 2011:

Condition 3 requires that particulate matter emissions be controlled by two baghouses.

Condition 6 requires that fugitive dust emissions from material handling be controlled by enclosure, wet suppression, or equivalent.

Condition 14 limits lumber throughput to 18,330 tons per year.

Condition 16 limits emissions to:

POLLUTANT	EMISSION LIMIT		
	gr/dscf	lb/hr	T/yr
Particulate Matter	0.01	7.76	34.0
PM10	0.01	7.76	34.0

Condition 19 limits opacity from the baghouse exhausts to 5%.

Condition 23 requires records of lumber throughput.

Condition 24 requires the company to allow for testing or monitoring if required.

The following Virginia Administrative Codes that have specific emission requirements have been determined to be applicable:

9 VAC 5-50-80, Standard for Visible Emissions, requires 20% opacity.  
(See Streamlined Requirements discussion below)

9 VAC 5-50-90, Standard for Fugitive Dust, requires that reasonable means be used to reduce fugitive dust.

9 VAC 5-40-2250, Emission Standards for Woodworking Operations (Rule 4-17).  
(See Streamlined Requirements discussion below)

### Monitoring

The monitoring and recordkeeping requirements in Condition 23 of the NSR permit have been modified to meet Part 70 requirements.

If visible emissions are seen from a woodworking stack, it is reasonable to assume that there is a problem with one of the control devices. The woodworking equipment in operation is required to meet a particulate matter emission limitation of 0.01 gr/dscf. Emission limits are based on

this requirement. As long as the particulate emissions are vented through a properly operating control device, the standard is easily attained. If visible emissions are observed from the fabric filter exhausts, there is high probability that a maintenance problem exists. The company will be required to conduct weekly visible emission observations of the fabric filter exhausts to determine the presence of visible emissions. If visible emissions are observed, corrective action must be taken.

The company will maintain records of lumber throughput to the woodworking equipment in order to estimate particulate matter emissions. As long as the throughput limits are met and control devices maintained, emissions are not expected to approach the permitted emission limits. In previous permit analyses, an emission factor of 1,330 pounds of saw dust per ton of lumber throughput and 99.9% control by fabric filters was used. Using these figures, maximum emissions may be estimated:

$$(18,330 \text{ T/yr})(1330 \text{ lb/T})(1-0.999)(1 \text{ T}/2000 \text{ lb}) = 12.2 \text{ T/yr}$$

It becomes clear that the emission limits cannot be exceeded as long as throughput limits are respected, and control equipment is properly maintained and operated.

In accordance with the fugitive dust requirements, the company is required to cover all conveyors that are used for the collection and transfer of collected sawdust and shavings.

#### Compliance Assurance Monitoring

According to 40 CFR 64.2, the woodworking operations controlled by baghouses are potentially subject to CAM requirements: the units are subject to an emission limitation; the particulate matter emissions are controlled; and pre-control emissions of particulate matter could exceed the major source threshold of 100 tons per year. According to 40 CFR 64.5(b), pollutant specific emission units other than "large" units are required to be included in the CAM plan upon renewal of a Title V permit. Therefore, CAM is a subject of this Title V permit.

The company must check each baghouse exhaust daily for the presence of visible emissions. If visible emissions are present, corrective action must be taken such that no visible emissions occur. The presence of visible emissions will document an excursion. Excursions will be identified in the semi-annual monitoring report (more than six excursions semiannually will require the company to develop and implement a quality improvement plan). In addition, an annual internal inspection of each fabric filter is required to ensure structural integrity.

#### **Recordkeeping**

The permit includes requirements for maintaining records of all monitoring and testing required by the permit. These records include monthly and annual lumber throughput, weekly visible emissions observations, and annual inspection results.



## **Testing**

The permit does not require source tests. The Department and EPA have authority to require testing not included in this permit if necessary to determine compliance with an emission limit or standard.

## **Reporting**

Deviations from permit requirements will be included in the semi-annual monitoring report required in the General Conditions of this permit.

## **Streamlined Requirements**

9 VAC 5-50-80, Standard for Visible Emissions, requires 20% opacity for sources of visible emissions. However, the NSR permit requires that visible emissions from baghouse exhausts meet 5% opacity. Since the permit requirements are more stringent than those of 9 VAC 5-50-80, streamlining is appropriate. The Title V permit will contain 5% opacity requirements.

9 VAC 5-40-2250, Emission Standards for Woodworking Operations (Rule 4-17), requires that woodworking operations be equipped with collectors and that particulate matter emissions meet 0.05 grains per dry standard cubic feet of exhaust gas. The baghouse collectors are required to meet a more stringent emission limit (0.01 gr/dscf) according to the terms of the NSR permit. Therefore, streamlining is appropriate, and the Title V permit will contain the 0.01 gr/dscf requirement.

## **EMISSION UNIT APPLICABLE REQUIREMENTS – Gluing Operations (G1)**

### **Limitations**

The following limitations are state BACT requirements from Conditions 10, 15, 23, and 24 of the Minor NSR permit issued on March 27, 2006 as amended July 25, 2006, April 24, 2008, and January 4, 2011:

Condition 10 limits glue consumption to 266 pounds per hour and 746.9 tons per year.

Condition 15 limits VOC emissions from gluing operations to 2.66 pounds per hour and 7.5 tons per year.

Condition 23 requires the company to keep hourly, monthly, and annual records of adhesive throughput, and MSDS information.

Condition 24 requires the company to allow for testing or monitoring if required.

The following Virginia Administrative Codes that have specific emission requirements have been

determined to be applicable:

9 VAC 5-60-100 makes reference to 40 CFR 63, Subpart DDDD - National Emissions Standards for Hazardous Air Pollutants: Plywood and Composite Wood Products. The panel construction operation includes glue (polyvinyl acetate) application equipment. The only requirements that apply, however, involve the initial notification, which has already been submitted by the company.

### **Monitoring & Recordkeeping**

The monitoring and recordkeeping requirements in Condition 23 of the NSR permit have been modified to meet Part 70 requirements. The company will maintain records of MSDS information for adhesives applied. In addition, the company will maintain records of VOC estimates from the gluing operations based on 1 wt% of the glue being emitted as VOC.

### **Testing**

The permit does not require source tests. The Department and EPA have authority to require testing not included in this permit if necessary to determine compliance with an emission limit or standard.

### **Reporting**

No specific reporting requirements are proposed for this operation.

### **Streamlined Requirements**

No streamlining is proposed for this operation.

## **EMISSION UNIT APPLICABLE REQUIREMENTS – Finishing Operations (F1)**

### **Limitations**

The following limitations are state BACT requirements from Conditions 4, 5, 6, 11, 12, 18, 21, 23, and 24 of the Minor NSR permit issued on March 27, 2006 as amended July 25, 2006, April 24, 2008, and January 4, 2011:

Condition 4 requires that particulate matter emissions from sanding and brushing associated with finishing be controlled by cartridge filters.

Condition 5 requires that particulate matter emissions from spray booths be controlled by fiberglass filters.

Condition 6 requires that the company take precautionary measures to reduce fugitive VOC emissions.

Condition 11 limits VOC consumption to no more than 240 tons per year.

Condition 12 limits finishing material consumption to no more than 48 gallons per hour and 120,000 gallons per year.

Condition 18 limits emissions from the finishing operations to no more than:

POLLUTANT	EMISSION LIMIT	
	lb/hr	T/yr
Particulate Matter/PM10	4.8	6.0
VOC	288	240

Condition 21 limits visible emissions from the spray booth exhausts to no more than 5% opacity.

Condition 23 requires the company to keep hourly, monthly, and annual records of finishing material throughput, MSDS information, and monthly and annual VOC and particulate matter emissions estimates.

Condition 24 requires the company to allow for testing or monitoring if required.

The following Virginia Administrative Codes that have specific emission requirements have been determined to be applicable:

9 VAC 5-60-100, National Emission Standards for Hazardous Air Pollutants: Wood Furniture Manufacturing Operations (Subpart JJ) - 40 CFR 63.800 - 819.

9 VAC 5-50-80 and 290, New Source Standard for Visible Emissions.  
(See Streamlining discussion)

### **Monitoring**

The monitoring and recordkeeping requirements in Condition 23 of the NSR permit have been modified to meet Part 70 requirements.

The permit requires use of fiberglass filters on spray booths to demonstrate compliance with the visible emission requirements. A properly operating filter can comply with the 5% opacity limit. The permittee will be required to perform weekly visible emission observations of each spray booth exhaust. If visible emissions are present, timely corrective action must be taken such that no visible emissions are present, or a six-minute visible emission evaluation (VEE) must be performed according to 40 CFR 60, Appendix A, Method 9. If during the six-minute period, any violations of the 5% opacity standard are noted, a 60-minute VEE is required to demonstrate compliance with the standard. Weekly observations will satisfy the periodic monitoring

requirement for the visible emission limitation. Frequent checks for visible emissions will indicate malfunctions of the control equipment. As long as the control equipment is operating properly, there is little likelihood of violating the visible emission limitation.

The Title V permit includes a requirement to monitor and record the hourly, monthly, and annual emissions of particulate matter and VOC, based on material balance, and the number of hours per month of operation. The VOC content of each coating material will be determined using appropriate EPA test methods (Method 24). Material safety data sheets (MSDS) or certified product data sheets (CPDS) may be relied upon provided the information contained therein is determined using approved EPA test methods. The company is also responsible for the monitoring requirements of the Wood Furniture MACT (see Federal requirements).

### **Recordkeeping**

The permit includes requirements for maintaining records of all monitoring and testing required by the permit. These records include the hourly, monthly and annual throughput of particulate matter and VOC. Also, the company will record the results of the weekly emissions observations.

Records are also required for scheduled and non-scheduled maintenance on the air pollution control equipment and training of operators of the equipment to include names of trainees, date of training, and nature of training.

The weekly observations and recordkeeping required by the permit will satisfy the periodic monitoring requirement for the spray booths. Recordkeeping requirements of the MACT are given in the Federal Requirements section of this document.

### **Testing**

The permit does not require source tests. The Department and EPA have authority to require testing not included in this permit if necessary to determine compliance with an emission limit or standard.

### **Reporting**

Monitoring excursions as described above will be included in the semi-annual monitoring report required in the General Conditions of this permit.

### **Streamlined Requirements**

9 VAC 5-50-80, Standard for Visible Emissions, requires 20% opacity for sources of visible emissions. However, the NSR permit requires that visible emissions from spray booth exhausts meet 5% opacity. Since the permit requirements are more stringent than those of 9 VAC 5-50-80, streamlining is appropriate. The Title V permit will contain 5% opacity requirements.

## **FEDERAL REQUIREMENTS**

### **Limitations**

The permittee is subject to the 40 CFR 63 Subpart JJ, National Emission Standards for Wood Furniture Manufacturing Operations (Wood Furniture MACT). All applicable limitations from the Wood Furniture MACT have been included in the permit. The permittee is also subject to 40 CFR 63 Subpart A, General Provisions. Applicable limitations from the general provisions have also been included in the permit.

The boilers at the facility are affected sources according to 40 CFR 63 Subpart DDDDD (§63.7490(a)), National Emissions Standards for Hazardous Air Pollutants: Industrial, Commercial, and Institutional Boilers and Process Heaters. This regulation was vacated by the US Circuit Court of Appeals on July 30, 2007. A final rule was published on March 21, 2011, but the rule is currently subject to reconsideration. The company identified the requirement to submit an initial notification as an applicable requirement. However, the effective date of the rule was stayed by EPA on May 16, 2011, and the rule is now considered a future applicable requirement.

Likewise, panel construction equipment involving gluing panels together may be considered subject to 40 CFR Subpart DDDD (§63.2231(a)), National Emissions Standards for Hazardous Air Pollutants: Plywood and Composite Wood Products. The only requirements that apply, however, involve the initial notification, which has already been submitted by the company. This MACT will also be cited as technically applicable.

The permittee indicates that an existing emergency fire pump engine is subject to 40 CFR 63 Subpart ZZZZ, National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines. The compliance date is May 3, 2013. Therefore, the rule is considered a future applicable requirement and will be included in the permit at a later time.

### **Monitoring**

The Wood Furniture MACT contains requirements for continuous compliance, including monthly and/or daily recordkeeping depending on the method of compliance. These requirements have been incorporated in the permit. The Wood Furniture MACT contains adequate monitoring to meet the periodic monitoring requirements, so no additional monitoring has been incorporated into the Title V permit.

### **Recordkeeping**

The Wood Furniture MACT contains requirements for recordkeeping that include maintaining certified product data sheets for each material used and all calculations used to demonstrate continuous compliance. No additional recordkeeping has been included in the Title V permit.

### **Testing**

The permit does not require source tests. The Department and EPA have the authority to require testing not included in this permit if necessary to determine compliance with an emission limit or standard.

### **Reporting**

The Wood Furniture MACT requires that a source demonstrate continuous compliance and submit monitoring results semi-annually. The semi-annual compliance and monitoring reports are due on March 1 and September 1, covering the periods January 1 to June 30 and July 1 to December 31, respectively.

### **Streamlined Requirements**

The initial notification requirements associated with the Wood Furniture MACT have not been included in the permit because the source has already completed the notifications. The permittee has opted not to use a control device to meet the Wood Furniture MACT requirements. Therefore, all requirements regarding a control device have not been included in the permit.

## **GENERAL CONDITIONS**

The permit contains general conditions required by 40 CFR Part 70 and 9 VAC 5-80-110 that apply to all federal-operating permitted sources. These include requirements for submitting semi-annual monitoring reports and an annual compliance certification report. The permit also requires notification of deviations from permit requirements or any excess emissions.

### **Comments on General Conditions**

#### **B. Permit Expiration**

This condition refers to the Board taking action on a permit application. The Board is the State Air Pollution Control Board. The authority to take action on permit application(s) has been delegated to the Regions as allowed by §2.1-20.01:2 and §10.1-1185 of the *Code of Virginia*, and the "Department of Environmental Quality Agency Policy Statement No. 2-2003."

This general condition cites the sections that follow:

9 VAC 5-80-80. Application.

9 VAC 5-80-140. Permit Shield.

9 VAC 5-80-150. Action on Permit Applications.

#### **F. Failure/Malfunction Reporting**

Section 9 VAC 5-20-180 requires malfunction and excess emission reporting within four hours of discovery. Section 9 VAC 5-80-250 of the Title V regulations also requires malfunction reporting; however, reporting is required within two days. Section 9 VAC 5-20-180 is from the general regulations. All affected facilities are subject to section 9 VAC 5-20-180 including Title V facilities. Section 9 VAC 5-80-250 is from the Title V regulations. Title V facilities are subject to both sections. A facility may make a single report that meets the requirements of 9 VAC 5-20-180 and 9 VAC 5-80-250. The report must be made within four daytime business hours of discovery of the malfunction.

This general condition cites the sections that follow:

- 9 VAC 5-40-50. Notification, Records and Reporting.
- 9 VAC 5-50-50. Notification, Records and Reporting.

#### **J. Permit Modification**

This general condition cites the sections that follow:

- 9 VAC 5-80-50. Applicability, Federal Operating Permit For Stationary Sources.
- 9 VAC 5-80-190. Changes to Permits.
- 9 VAC 5-80-260. Enforcement.
- 9 VAC 5-80-1100. Applicability, Permits For New and Modified Stationary Sources.
- 9 VAC 5-80-1605. Applicability, Permits For Major Stationary Sources and Modifications Located in Prevention of Significant Deterioration Areas.
- 9 VAC 5-80-2000. Applicability, Permits for Major Stationary Sources and Major Modifications Locating in Nonattainment Areas.

#### **U. Malfunction as an Affirmative Defense**

The regulations contain two reporting requirements for malfunctions that coincide. The reporting requirements are listed in sections 9 VAC 5-80-250 and 9 VAC 5-20-180. The malfunction requirements are listed in General Condition U and General Condition F. For further explanation see the comments on general condition F.

This general condition cites the sections that follow:

- 9 VAC 5-20-180. Facility and Control Equipment Maintenance or Malfunction.
- 9 VAC 5-80-110. Permit Content.

#### **Y. Asbestos Requirements**

The Virginia Department of Labor and Industry under Section 40.1-51.20 of the Code of Virginia also holds authority to enforce 40 CFR 61 Subpart M, National Emission Standards for Asbestos.

This general condition contains a citation from the Code of Federal Regulations that follows:  
40 CFR 61.145, NESHAP Subpart M. National Emissions Standards for Asbestos as it applies to demolition and renovation.  
40 CFR 61.148, NESHAP Subpart M. National Emissions Standards for Asbestos as it applies to insulating materials.  
40 CFR 61.150, NESHAP Subpart M. National Emissions Standards for Asbestos as it applies to waste disposal.

#### **STATE ONLY APPLICABLE REQUIREMENTS**

The following Virginia Administrative Code has specific requirements only enforceable by the State and have been identified as applicable by the applicant:

9 VAC 5-50-310, Odorous Emissions.

These requirements will not be included in the Title V permit.

#### **FUTURE APPLICABLE REQUIREMENTS**

Requirements of the final Boiler MACT (DDDDD) are under reconsideration and have been stayed. These requirements are regarded as future applicable requirements.

MACT ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines – will apply to the emergency fire pump engine unless the unit is removed prior to the compliance date (May 3, 2013).

#### **INAPPLICABLE REQUIREMENTS**

The company did not identify inapplicable requirements. The fire pump engine was manufactured prior to the dates specified by 40 CFR 60, Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines. Therefore, this rule does not apply.

#### **INSIGNIFICANT EMISSION UNITS**

The insignificant emission units are presumed to be in compliance with all requirements of the Clean Air Act as may apply. Based on this presumption, no monitoring, recordkeeping or reporting shall be required for these emission units in accordance with 9 VAC 5-80-110.

Insignificant emission units include the following:



Emission Unit No.	Emission Unit Description	Citation <sup>1</sup> (9 VAC_)	Pollutant Emitted (5-80-720 B.)	Rated Capacity ( 5-80-720 C.)
PW1	Parts Washer	----	VOC	----
STs	3 Storage Tanks	----	VOC	----
GHs	Gas Heaters	----	----	0.03 MMBtu/hr
TB1, TB2	Triad Boilers/Hot Water Heaters	----	----	0.02 MMBtu/hr

<sup>1</sup>The citation criteria for insignificant activities are as follows:

9 VAC 5-80-720 A - Listed Insignificant Activity, Not Included in Permit Application

9 VAC 5-80-720 B - Insignificant due to emission levels

9 VAC 5-80-720 C - Insignificant due to size or production rate

## CONFIDENTIAL INFORMATION

The permittee did not submit a request for confidentiality. All portions of the Title V application are suitable for public review.

## PUBLIC PARTICIPATION

The proposed permit was advertised by public comment in the *Smyth County News & Messenger* on July 23, 2011. The public comment period extended from July 24, 2011 through August 22, 2011. No comments were received from the public or the appropriate agencies of nearby affected states. The documents were submitted to EPA as draft/proposed for concurrent 45-day review. EPA's review period expired on September 6, 2011 with no comments being given. Having received no comments, the permit was put in final form and issued.

Registration Number : 11075

County - Plant Id: 173-00095

Plant Name : Masco Cabinetry LLC - Atkins Plant 14

**POLLUTANT EMISSIONS REPORT (STACK/POINT) (TONS/YEAR)**Pollutant Type: All Pollutants  
Years: 2010 - 2010Parameter List

Inventory Year 2010

**Stack # : 2**

Point # : 2	CO	NO2	PB	PM	PM 10	PM 2.5	SO2	VOC
Segment #: 1	0.000	0.000	0.000	0.000	0.000		0.000	0.000
Segment #: 2	0.916	1.090		0.083	0.083	0.070	0.007	0.060
	0.916	1.090	0.000	0.083	0.083	0.070	0.007	0.060

**Stack # : 4**

Point # : 21	PM	PM 10
Segment #: 1	0.078	0.078
	0.078	0.078

**Stack # : 5**

Point # : 22	PM	PM 10	PM 2.5	VOC
Segment #: 1	0.000	0.000	0.000	0.024
	0.000	0.000	0.000	0.024

**Stack # : 6**

Point # : 23	EBENZ	FORM	GLYET	ISPBZ	MTBTN	MTEYN	MTHOL	PAH1
Segment #: 1	0.362	0.008	0.136	0.057	0.084	3.450	1.640	0.001
	0.362	0.008	0.136	0.057	0.084	3.450	1.640	0.001

Registration Number : 11075

County - Plant Id: 173-00095

Plant Name : Masco Cabinetry LLC - Atkins Plant 14

**POLLUTANT EMISSIONS REPORT (STACK/POINT) (TONS/YEAR)**Parameter List

Pollutant Type: All Pollutants

Years: 2010 - 2010

Inventory Year 2010

Stack #: 6

Point # : 23	PM	PM 10	PM 2.5	TOLU	VOC	XYLS
1	0.000	0.158	0.158	5.360	43.114	1.640
	0.000	0.158	0.158	5.360	43.114	1.640